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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/733,812	12/12/2003	Akihito Tanimoto	Q78954	8816
23373 7590 01/09/2008 SUGHRUE MION, PLLC 2100 PENNSYLVANIA AVENUE, N.W. SUITE 800 WASHINGTON, DC 20037			EXAMINER KASSA, HILINA S	
			ART UNIT 2625	PAPER NUMBER
			MAIL DATE 01/09/2008	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

# Office Action Summary

Application No.

10/733,812

Applicant(s)

TANIMOTO, AKIHITO

Examiner

Hilina S. Kassa

Art Unit

2625

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 29 November 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 November 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
  - 2) ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date 11/29/04.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Specification*

1. The abstract of the disclosure is objected to because:

In line 2, "**printerto**" lacks formality, "**printer to**" is suggested for correction.

Correction is required. See MPEP § 608.01(b).

### *Claim Objections*

2. Claims 1, 2 and 6 are objected to because of the following informalities:

In claim 1, line 3, "**in storage means**" lacks formality and "**in a storage means**" is suggested for correction

In claim 1, line 6, "**data,;**" lacks formality and "**data;**" is suggested for correction.

In claim 1, line 11, "**step,;**" lacks formality and "**step;**" is suggested for correction.

In claim 2, line 3, "**when judging it necessary**" lacks formality and "**when judging it is necessary**" is suggested for correction.

In claim 2, lines 17, "**when judging**" lacks antecedent basis as it is not previously mentioned in the independent claim.

In claim 6, page 2, line 3, "**data,;**" lacks formality and "**data;**" is suggested for correction.

In claim 6, page 2, line 8, "**managem00ent**" contains minor spelling error and "**management**" is suggested for correction.

Appropriate correction is required.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Ueno (Japanese Publication Number 08-030413, see IDS).

**(1) regarding claim 1:**

As shown in figure 1, Ueno discloses a printing control method (paragraph [0009], lines 1-2; note that a printing control system is described), comprising:

a data management step of storing printing data received from a client device (paragraph [0011], lines 2-4; note that the terminal client generates print data and perform a printing request to the printing control terminal), in storage means in association with management information (24, figure 1; paragraph [0010], lines 5-6; note that the management file gets stored in storage section 24), and of transmitting said management information to said client device when a printing request received from the client device is a printing request of the type involving the transmission and reception of printing data (paragraph [0016], lines 1-5; paragraph [0018], lines 5-8; note

that after receiving a request from the external terminal device re-printing gets established),;

a step of referencing said storage means and of reading out printing data associated with management information received from said client device (paragraph [0017], lines 4-5; note that the data of page which corresponds from a permanent file are read) when said printing request is of the type involving the transmission and reception of management information associated with the printing data in the data management step (paragraph [0018], lines 5-8; note that the data which correspond from a data file gets read),; and,

a step of executing printing, based on said received printing data or on said read-out printing data (paragraph [0018], lines 7-8; note that based on the read data re-printing is proceeded).

**(2) regarding claim 2:**

Ueno further discloses the printing control method according to claim 1, wherein said data management step, when judging it necessary to delete printing data from said storage means (paragraph [0015], lines 1-6; note that after ending the printing the content of the spool file gets deleted), selects and deletes printing data based on priority information relating to data deletion (paragraph [0014], lines 1-5; note that the print data content is prioritized based on the numerical values).

**(3) regarding claim 3:**

Ueno further discloses the printing control method according to claim 2, wherein said data management step references rule storage means which stores at least one setting rule for said priority information (figure 3, paragraph [0014], lines 1-5), and sets said priority information (paragraph [0014], lines 4-5; note that the print data gets prioritized according to the content page).

**(4) regarding claim 4:**

Ueno further discloses the printing control method according to claim 3, further comprising a step of registering setting rules in said rule storage means based on input from a user (paragraph [0014]-paragraph [0015], line 3).

**(5) regarding claim 5:**

Ueno further discloses the printing control method according to claim 3 or claim 4, wherein said setting rules are composed based on at least one among the time of storage, time of use, frequency of use, and data size of the printing data (paragraph [0014], lines 1-5; note that the print data is stored based on the data size).

**(6) regarding claim 6:**

Ueno further discloses a printing system (paragraph [0009], lines 1-2; note that a printing control system is described), comprising:

data management means for storing printing data received from a client device (paragraph [0011], lines 2-4; note that the terminal client generates print data and

perform a printing request to the printing control terminal) in storage means in association with management information (24, figure 1; paragraph [0010], lines 5-6; note that the management file gets stored in storage section 24), and for transmitting management information to said client device when a printing request received from the client device is a printing request of the type involving the transmission and reception of printing data (paragraph [0016], lines 1-5; paragraph [0018], lines 5-8; note that after receiving a request from the external terminal device re-printing gets established),;

means for referencing said storage means and for reading out printing data associated with management information received from said client device (paragraph [0017], lines 4-5; note that the data of page which corresponds from a permanent file are read) when said printing request is of the type involving the transmission and reception of management information associated with the printing data by the data management means (paragraph [0018], lines 5-8; note that the data which correspond from a data file gets read); and,

means for executing printing, based on said received printing data or on said read-out printing data (paragraph [0018], lines 7-8; note that based on the read data re-printing is proceeded).

**(7) regarding claim 7:**

Ueno further discloses a printing system (paragraph [0009], lines 1-2; note that a printing control system is described), comprising at least one client device (10, figure 1) and a printing device (20, figure 1; paragraph [0009], lines 6-7) configured to enable

communication with said client device (paragraph [0009], lines 1-4), wherein said client device can output two types of printing requests (paragraph [0011], lines 2-10; note that the terminal device outputs print data and re-print request data 11, figure 1 ), consisting of a first type involving the transmission and reception of printing data (paragraph [0011], lines 2-4; note that the terminal device generates and transmits print data) and a second type involving the transmission and reception of management information associated with printing data by the printing device (paragraph [0011], lines 8-10; note that the re-printing utility 11 outputs the re-print data request), and wherein

said printing device (20, figure 1), upon receiving the first type of printing request from a client device (paragraph [0011], lines 2-4; note that the terminal client generates print data and perform a printing request to the printing control terminal), stores printing data received from said client device in association with management information in storage means (24, figure 1; paragraph [0010], lines 5-6; note that the management file gets stored in storage section 24), transmits said management information to said client device (paragraph [0012], lines 1-3), and executes printing based on said printing data (paragraph [0012], lines 3-4); whereas,

upon receiving the second type of printing request from a client device (paragraph [0011], lines 8-10; note that the re-printing utility 11 outputs the re-print data request), references said storage means, reads out printing data associated with management information received from said client device (paragraph [0016], 1-5), and executes printing based on said read-out printing data (paragraph [0018], lines 7-8; note that based on the read data re-printing is proceeded).



**Conclusion**

5. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Hilina Kassa whose telephone number is (571) 270-1676.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Twyler L. Haskins could be reached at (571) 272- 7406.

Any response to this action should be mailed to:

Commissioner of Patent and Trademarks  
Washington, D.C. 20231

**Or faxed to:**


**(703) 872-9314 (for Technology Center 2600 only)**

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

Hilina Kassa

January 07, 2008

  
TWYLER LAMB HASKINS  
SUPERVISORY PATENT EXAMINER

